

## POND SEALING OR LINING

### CODE 521 A, B, C, D

#### OPERATION AND MAINTENANCE PLAN



The life of this installation can be assured and usually increased by developing and carrying out a good operation and maintenance program. Operation and Maintenance (O & M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The land user is responsible for proper O & M throughout the life of the practice and as may be required by federal, state, or local laws or regulations. The pond sealer or liner is designed and installed to limit the seepage loss from the waste storage facility.

Operation is defined as operating the practice in compliance with all laws, regulations, ordinances, and easements and in a manner that is beneficial to the environment and will permit the practice to serve its intended purpose. Maintenance includes working to prevent deterioration of the practice, repairing damage, or replacing components that may fail.

#### Necessary operation and maintenance items for this practice include:

- Protect the liner during initial filling, agitation, or pumping operations.
- Immediately repair any damage to liner or eroded areas.
- Maintain the soil covering on artificial liners at the construction depth.
- Limit the use or travel of any equipment in the area that was sealed.
- Prevent all livestock from using any area of the pond that was sealed by artificial liners.
- If fences are installed, they shall be maintained to provide warning and/or prevent unauthorized human or livestock entry.
- Settlement or cracks in the soil weaken earthen sections and may accelerate the development of flow paths that may result in structure failure. This should be investigated to determine the cause and immediately repaired.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Immediately remove any debris that may harm or reduce the effectiveness of sealants.
- Immediately repair any vandalism, vehicular, or livestock damage to any earth fills, spillways, or outlets or other apparatuses.

**Other:**

<b>Tract/Field No.:</b>			
<b>Landowner/Operator Name:</b>		<b>Review Date:</b>	
<b>Prepared By:</b>		<b>Date:</b>	